

In the Title:

Please delete the title in its entirety and add the following new title:

Determining a Spatial signature Using a Robust Calibration Signal

In the Specification:

Please delete the paragraph beginning on page 1, line 5 and insert the following paragraph:

Cross Reference to Related Applications

This continuation application claims the benefit of U.S. Provisional Patent Application Serial Number 60/083,875, for Method and Apparatus for Determining Spatial Signatures with Application to Calibrating a Base Station Having an Antenna Array, to inventors Boros, Barratt, Uhlik and Trott, Assignee ArrayComm, Inc., filed May 1, 1998 and the benefit of U.S. Patent Application Serial Number 09/295,434, for Method and Apparatus for Determining Signatures for Calibrating a Communication Station Having an Antenna Array, to inventors Boros, Barratt, Uhlik and Trott, Assignee ArrayComm, Inc., filed April 20, 1999 and the benefit of U.S. Divisional Patent Application Serial Number 10/135,979, for Determining A Spatial Signature Using A Robust Calibration Signal (As Amended), to inventors Boros, Barratt, Uhlik and Trott, Assignee ArrayComm, Inc., filed April 29, 2002.

On page 19, line 8, please replace “downlink” with “uplink” as follows:

On the ~~downlink~~ uplink, signals from the subscriber units are received at the main antenna array.

On page 26, line 18, please replace “411” with “412” as follows:

In the next step the transmitted symbol sequence ~~411~~ 412 is estimated from the set of preprocessed received signals 405 by using a suitable spatial processing and demodulation technique.

Please cancel pages 52-70.